KAROL', I.L., red.; KIRICHENKO, L.V., red.; KRASNOPEVTSEV, Yu.V., red.; KURGANSKAYA, V.M., red.; MALAKHOV, S.G., red.; SEREDA, G.A., red.; YAGODOVSKIY, I.V., red.; KALYUZHNAYA, T.P., red.

[Radioactive isotopes in the atmosphere and their use in meteorology; reports] Radioaktivnye izotopy v atmosfere i ikh ispol'zovanie v meteorologii; doklady. Moskva, Atomizdat, 1965. 491 p. (MIRA 18:7)

1. Nauchnaya konferentsiya po yadernoy meteorologii, 2d, Obninsk, 1964.

DMITRIYEVA, G. V.; KRASNOPEVTSEV, Yu. V.; LUKYANOV, V. V.; MALAKHOV, S. G.

"Investigation of the radioactive aerosol distribution over oceans and some problems of latitudinal exchange in the tropical zone."

report presented at the meeting of the Comn on Atmospheric Chemistry and Radioactivity of the Intl Assn of Meteorology and Atmospheric Physics, Visby, Sweden, 18-25 Aug 1965.

YAKOVLEV, A.M.; KRASNOPEVTSEVA, O.S.; KOMLEVA, G.G.; YAKOVLEVA, S.D.
(Leningrad)

Properdin system in burns. Pat. fiziol. i eksp. terap. 7
no.4:31-34 Jl-Ag '63. (MIRA 17:9)

1. Iz kafedry mikrobiologii (nachal'nik - prof. A.A. Sinitskiy)
i kafedry termicheskikh porazheniy (nachal'nik - prof. T.Ya.
Ar'yev) Voyenno-meditsinskoy ordena Lenina akademii imeni
S.M. Kirova.

KRASNOPEYEV, I.

Organization and methods of sanitary service for the modern army. Voen.-med.zhur. no.9:87-90 S '61. (MIRA 15:10)
(MEDICINE, MILITARY)

KRASNOPEYEV, I.I.

Some materials on the medico-geographical features of Alaska.
Geog. sbor. no.14:118-129 '61. (MIRA 15:1)
(ALASKA--MEDICAL GEOGRAPHY)

KRASNOPEEV, M. Z.

23511 OPYT SKREShchIVANIYa ChELINYKh SEMEY. AGROBIOLOGIYa, 1949, No. 3, c. 176-80

So. LETOPIS' NO. 31, 1949

KRASNOPEYEV, M. Z.

25883. KRASNOPEYEV, M. Z. Puti povysheniya produktivnosti medonosnoy pchely. Pchelovodstvo, 1949, No. 8, S. 18-22.

So. Letopis' Zhurnal'nykh Statey, Vol. 34, Moskva, 1949

KRASNOPEYEV, M. Z.

33367. Ispol'zovaniye Neskol'kikh Matok V Odnom Ul'ye. Pchelovodstvo, 1949, No. 10, c. 18-20.

SO. Letopis'Zhurnal'nykh Statey, Vol. 45, Moskva, 1949.

KRASNOPEYEV, M. Z.

Bee Culture

How to let bees feed at liberty in cold weather. Pchelovodstvo 29 No. 10, 1952.

Monthly List of Russian Accessions, Library of Congress, November 1952. Unclassified.

USSR/Farm Animals. Honeybee. Q

Abs Jour: Ref Zhur-Biol., No 17, 1958, 78847.

Author : Krasnopeyev, M. P.
Inst :
Title : On the Control of Foul Brood in Bees.

Orig Pub: Plechovodstvo, 1958, No 1, 48-49.

Abstract: Colonies infected with European foul brood were removed to an isolator organized in a locality with good honey collection. Before the start of the honey collection the queens were removed, and after exit and fertilization of new queens, the colonies transferred to disinfected hives and combs. Such sanitation of the colonies, in the opinion of the author, is to be combined with hatching of the bees which are resistant to foul brood.

Card : 1/1

KRASNOPEYEVA, L.F.; TSUKKER, I.I.

Occupational dermatoses in workers in a mica factory. Vest.derm. i ven. 35 no.5:47-49 '62. (MIRA 15:5)

1. Iz kafedry gospital'noy terapii (zav. - dotsent K.R. Sedov) Irkutskogo meditsinskogo instituta (dir. - prof. A.I. Nikitin) i Kirovskogo rayonnogo kozhno-venerologicheskogo dispansera (glavnyy vrach F.Ye. Vulykh).

(OCCUPATIONAL DISEASES) (MICA--TOXICOLOGY)

[illegible], [illegible]; [illegible], [illegible]V.

[illegible] '62
([illegible] 18:2)

1. [illegible]
[illegible].

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826120(

KRASNOPEYEVA, O.N.

Boeck's sarcoidosis in a 14-year-old girl. Probl. tub. 41 no.3: 74-76 '63. (MIRA 17:9)

1. Iz detskogo otdeleniya (zav. - kand.med.nauk F.M.Ganago) Sverdlovskogo nauchno-issledovatel'skogo instituta tuberkuleza (dir. - prof. I.A. Shaklein) i detskogo tuberkuleznogo sanatoriya No.1 (glavnyy vrach Ye.A.Korol'), Sverdlovsk.

KRASNOPEYEVA, P. S.

42115 KRASNOPEYEVA, P. S. - Nekotorye stromatolity proterozoya Kabyrzinskogo rayona Gornoy Shorii. Trudy Gorno-geod. In-ta (AKad. Nauk SSSR, Zap. -Sib. Fidiad), Vyp. 2, 1948, c, 83-107. - Bibdiogr: c99

SO: Letopis'Zhurnal'nykh Statey, Vol. 47, 1948

USSR/Geology

Card 1/1 Pub. 22 - 30/45

Authors : Krasnopeyeva, P. S.

Title : New data on the stratigraphy of the Archeocyathus in west Siberia

Periodical : Dok. AN SSSR 99/4, 601-604, Dec 1, 1954

Abstract : New geological data regarding the stratigraphy of Archeocyathus (fossils) in west Siberia are presented. Ten references: 8-USSR and 2-USA (1899-1953).

Institution : ...

Presented by: Academician V. A. Obruchev, July 27, 1954

AKSARIN,A.V.; ANAN'YEV,A.P.; BENEDIKTOVA,R.N.; GORBUNOV,M.G.; GRATSIANOVA, R.T.; YEGOROVA,L.I.; IVANIYA,V.A.; KRAYEVSKAYA,L.N.; KRASHOPKINA, P.S.; LEBEDEV,I.V.; LOMOVITSKAYA,M.P.; POLETAYEVA,O.K.; ROGOZIN,L.A.; RADCHENKO,G.P.; RZHONSNITSKAYA,M.A.; SIVOV,A.G.; FOMICHEV,V.D.; KHALFINA,V.K.; KHALFIN,L.L.; CHERNYSHEVA,S.V.; NIKITINA,V.N., redaktor; GUROVA,O.A., tekhnicheskiy redaktor

[Atlas of leading forms of fossils in the fauna and flora of Western Siberia] Atlas rukovodiashchikh form iskopaemykh fauny i flory zapadnoi sibiri. Pod red. L.L.Khalfina. Moskva, Gos. nauchno-tekhn.izd-vo lit-ry po geologii i okhrane nedr, Vol.1. 1955. 498 p. Vol.2. 1955. 318 p. [Microfilm]
(MLRA 9:3)

1. Tomsk. Politekhnicheskiy institut imeni Kirova.
(Siberia, Western--Paleontology)

KRASNOPEYEVA, P.S.

Cambrian archaeocyathid and archaeocyathid-tribolite horizons in the Altai-Sayan area. Mat.po geol.Zap.Sib. no.61:105-111 '58. (MIRA 12:8)
(Altai Mountains--Paleontology) (Sayan Mountains--Paleontology)

KRASNOPEYEVA, P.S.

Archeocyathidae of the Agyrek Mountains in the Pavlodar Province of Kazakhstan. Izv. AN Kazakh. SSR. Ser. geol. no.3:3-10 '59.
(MIRA 13:12)
(Pavlodar Province—Archeocyathidae)

KRASNOPEYEVA, P.S.

New Archaeocyatha from the Obruchev horizon in the Altai-Sayan area. Trudy SNIGGIMS no.15:247-261 '61. (MIRA 15:9)
(Altai Mountains--Archaeocyathidae)

KRASNOPEYEVA, P.S.

New species and first finds of the genus of moss animals in the Middle Devonian of the Rudnyy Altai. Mat.po geol.Zap.Sib. no.63: 123-127 '62. (MIRA 16:10)

COUNTRY : USSR
CATEGORY : Pharmacology, Toxicology. Chemotherapeutic Preparations. Antihelminthic Substances
ABS. JOUR. : RZhBiol., No. 12 1958, No. 56852
AUTHOR : Pagnopeyeva, T.I., Pitskaya, M.L.
INST. : Stavropol'sk Agricultural Institute
TITLE : The Influence of Phenothiazine on Sheep Blood

ORIG. PUB. : Sb. Nauch.-Issled. Rabot Stud. Stavropol'sk. S.-Kh. In-t, 1956, No.4, 149-150
ABSTRACT : Experiments were carried out on 14 sheep. Single administration of phenothiazine in a dose of 0.5-1.5 gm/kg produced a transitory reduction of Hb and erythrocyte levels in the blood. The feeding of a phenothiazine-salt mixture (1 gm phenothiazine and 9 gm salt per day) for a period of 2 months led to a slight elevation in the Hb and the erythrocyte count. The activity of catalase did not change. -- F.G.Sivashinskaya

Card: 1/1

KRASNOPISTSEV, V. N.

А. Н. [illegible], А. Н. [illegible], В. Н. [illegible], А. П. [illegible]

Образцовая калориметрическая установка для поверки измерителей малой мощности в диапазоне 0,75—1,5 см.

А. Я. [illegible],
В. А. Югов,
В. Н. Краснописцев,
А. В. [illegible]

Плёночные болометры для измерения мощности СВЧ

А. И. [illegible]

Оптимальные параметры радиометра

Н. В. Михайлова

О корреляционном измерителе малых сигналов в диапазоне 3—30 Мгц.

В. С. [illegible]

Метод калибровки и поверки измерителей напряженности поля в диапазоне от 12 кгц до 25 Мгц

10 июня

(с 18 до 22 часов)

Г. Д. Бурдун,
Е. Б. [illegible],
В. Е. [illegible]

Метод точного измерения параметров диэлектриков в миллиметровом диапазоне волн

Н. Р. [illegible], В. И. Юрьев

Устройство для исследования спектра излучения в миллиметровом и субмиллиметровом диапазонах

Ю. Я. Юров,
В. Н. [illegible]

Измерение диэлектрической проницаемости стержневых образцов в диапазоне СВЧ

А. Н. [illegible]

Точное измерение КСВН с помощью фазовращателя и зондовой головки.

11 июня

(с 10 до 16 часов)

А. Я. [illegible]

Методы поверки волноводных измерительных линий в диапазоне 0,75—10,0 см.

report submitted for the Centennial Meeting of the Scientific Technological Society of Radio Engineering and Electrical Communications im. A. S. Popov (VNORIE), Moscow, 8-12 June. 1959

ACCESSION NR: AR4028219 S/0274/64/000/002/A052/A052

SOURCE: RZh. Radiotekhnika i elektrosvyaz', Abs. 2A332

AUTHORS: Levin, M. M.; Krasnopistseva, I. P.

TITLE: Apparatus for precision measurement of the effective area of horn antennas by the two-antenna method in the 3 cm band

CITED SOURCE: Tr. in-tov Kom-ta standartov, mer i izmerit. priborov pri Sov. Min. SSSR, vy*p. 70(130), 1963, 97-102

TOPIC TAGS: horn antenna, effective antenna area, two antenna method, 3 centimeter band, antenna power ratio

TRANSLATION: Apparatus is described for the measurement of the effective area of horn antennas in the 3 cm band. The measurement is based on the method of two antennas. In accordance with this method, the effective antenna area S for two identical antennas is determined

Card 1/2

ACCESSION NR: AR4028219

from the relation $S = \lambda R (P_{rec}/P_{rad})^{1/2}$ (λ -- wavelength; R -- distance between receiving and transmitting antennas; P_{rec}/P_{rad} -- antenna power ratio). The power ratio is measured with a calibrated precision attenuator. On the basis of the analysis of the measurement-error components and of the experimental data, it is ascertained that the apparatus can be used to measure the effective area with error $\leq$ 3%. 9 illustrations. Bibliography, 6 titles. B. P.

DATE ACQ: 30Mar64 SUB CODE: GE, SD ENCL: 00

Card 2/2

L 04407-67 EWT(d)/EWT(l)/EWT(m)/T/EWP(t)/ETI IJP(c) BS/JD/WW

ACC NR: AP6034420 SOURCE CODE: UR/0386/66/004/008/0290/0295

AUTHOR: Khaykin, M. S.; Krasnopolin, I. Ya.

ORG: Institute of Physics Problems, Academy of Sciences SSSR (Institut fizicheskikh problem Akademii nauk SSSR)

TITLE: Nonlinearity of resistance of a metallic point contact and detection of microwaves at helium temperatures

SOURCE: Zhurnal eksperimental'noy i teoreticheskoy fiziki. Pis'ma v redaktsiyu. Prilozheniye, v. 4, no. 8, 1966, 290-295

TOPIC TAGS: resistivity, nonlinear effect, low temperature research, electron flow, superconductivity, volt ampere characteristic, microwave detection

ABSTRACT: In view of recent investigations of the nonlinearity of the electric resistance of point contacts cooled with liquid helium, with one of the electrodes made either of a semimetal or a superconductor, the authors report some results of a study of the properties of contacts of ordinary pure metals which are in the normal state at low temperatures. The objects of the investigation were contacts made of thin Pt wire (10 μ dia) and a bulky Sn sample (other materials were also tested). The contact produced at liquid-helium temperature by welding with a weak electric discharge. Two methods were used to study the behavior of the resistance R of the contact: plotting the static voltage-current characteristics (V(I), and measurement of the low-frequency voltage A obtained by detecting in the contact modulated microwave radiation (40 GHz,

Card 1/2

L 04407-67
ACC NR: AP6034420

5

10 - 100 μW, obtained from the open end of a waveguide introduced into the Dewar vessel and beamed on the investigated contact, which was placed in liquid helium). The static volt-ampere characteristics V(I) of the welded contacts disclosed the presence of a region of nonlinearity of R, which in some cases narrows down and degenerates in practice into a jump of R. Similar effects were observed also in contact produced without welding from Pt, Sn, Al, Cu, Au, Nb, and Bi, merely by slightly touching the sharp point and the bulky sample. Increasing the area of the contact by pressing against the point led to vanishing of the nonlinearity of the resistance of the contact and of the detection effect. These facts give grounds for assuming that the nonlinearity of the resistance of the point contact is due principally to the contact geometry and not to individual properties of the metals constituting the contact. The authors relate the nonlinearity of the resistance to changes in the drift velocity acquired by the electrons moving through the contact region. These electrons can radiate effectively hypersonic phonons of wavelength ~10^{-6} cm, i.e., of the order of the dimensions of the contact. This favors excitation of coherent induced emissions of phonons from inside the contact, and this should cause deceleration of the electrons in the contact, i.e., an increase of resistance. The observed jumps in contact resistance are probably manifestations of the peculiarities of the phonon spectrum of the metallic crystal serving as the contact electrode. The authors thank P. L. Kapitsa for interest in the work, R. T. Mina and V. S. Edel'man for a discussion, and G. S. Chernyshev and V. A. Yudin for technical help. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 12Jul66/ OTH REF: 006

Card 2/2

KRASNOPOLIN, Ya.L.; VELEDNITSKIY, B.N. (Moskva)

Clinical X-ray comparisons in croupous pneumonia. Klin.med. no.4: 37-43 '62. (MIRA 15:3)

(PNEUMONIA)

GAYEVSKAYA, L.S.; KRASNOPOLIN, Ye.S.

Changes caused by grazing in the vegetation of sheep pastures in the clayey deserts and piedmont semideserts of Central Asia. Bot.zhur.41 no.7:962-975 Jl '56. (MLRA 9:10)

1.Vsesoyuznyy Nauchno-issledovatel'skiy institut karakulevodstva, Samarkand.
(Soviet Central Asia--Pastures and meadows) (Grazing)

BUTKOV, A.Ya.; KRASNOPOLIN, Ye.S.

Some urgent problems in studying the pastures of Central Asia.
Uzb. biol. zhur. no.4:25-33 '58. (MIRA 11:12)

1.Institut botaniki AN UzSSR.
(Soviet Central Asia--Pastures and meadows)

KRASNOPOLOV,B.P., inzhener; LAGUTENKO,V.P., inzhener

A new type crane is needed for mechanized construction. Mekh.stroi 12 no.9:22-24 S'55. (MLRA 8:11)
(Cranes, derricks, etc.)

LAGUTENKO, V.P., inzhener; KRASNOPOLOV, B.P., inzhener.

Dismountable-rotary crane for precast concrete housing construction.
Gor.khoz.Mosk. 30 no.2:30-32 F '56. (MLRA 9:6)
(Cranes, derricks, etc.)

MIKHAYLOVA, G.R.; KRASNOPOL'SKAYA, K.D.; IL'INA, T.S.

Cytological examination of Actinomyces olivaceus cells infected with actinophage. Mikrobiologiia 32 no.2:245-251 Mr-Ap '63. (MIRA 17:9)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut antibiotikov.

USSR / General and Special Zoology. Insects. Harmful Insects and Arachnids. Pests of Forage Cultures. P

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64063.

Author : Krasnoyol'skaya, L. F.
Inst : Not given.
Title : Prior-to-sowing Treatment of Alfalfa Seeds with Hexachlorane.

Orig Pub: Zemledeliye, 1957, No 6, 92.

Abstract: Alfalfa sprouts in Khar'kovskaya oblast' are greatly damaged by tuberous weevils, curculio tychins, the opatrum sabulosum, alfalfa and beet bugs. Treatment of the seeds with a 12% BHC dust (0.8 kg/c) increased the number of the plants by 35.3% and their foliage by 57.2%, decreased the damage to leaves and floral shoots

Card 1/2

USSR / General and Special Zoology. Insects. Harmful P
Insects and Arachnids. Pests of Forage Cultures.

Abs Jour: Ref Zhur-Biol., No 14, 1958, 64063.

Abstract: and raised the weight of the green mass by 26.6%, the weight of the beans by 42.2% and their numbers, as compared with those in the control, by 30.2%. -- A. P. Adrianov.

Card 2/2

USSR/General and Systematic Zoology. Insects. Harmful Insects and Acarids. Fodder Pests. P

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11603

Author : Krasnopol'skaya, L.F.
Inst : Khar'kov' Agricultural Institute.
Title : Development of Leguminous Plants and Accumulation of Nitrogen by Them in Connection with Tuber Damage by Larvae of the Genus Sitona Snout Beetles

Orig Pub : Zap. Khar'kovsk. s.-kh. in-ta, 1957, 13 (50), 157-167

Abstract : Damage totuberoles and roots by Setona larvae decreases the N accumulation by alfalfa and esparcet (especially of second-year usage) in the plants' flowering period. The greatest N increase is noted in the stalk; the lowest, in the leaves. The number of tubercles, and consequently the N

Card : 1/2

USSR/General and Systematic Zoology. Insects. Harmful Insects and Acarids. Fodder Pests. P

Abs Jour : Ref Zhur - Biol., No 3, 1959, No 11603

accumulation in comparison with plants under control, is 60% in young alfalfa plants, whereas, it is only 40% is esparcet. In the legumes' maturing period, the difference between the damaged and controlled plants levels off; in particular, there is hardly any difference in the N content of the stalks and leaves, but the N content in the infested plant is lower. The activity of Sitona larvae is more damaging to esparcet than to alfalfa, eslecially in relation to the N content not only in the stalks but in the roots of esparcet. Even slight damage to the tubercles by Sitona larvae brings about a marked reorganization of the plant's nitrogen regime and affects the vital action of the leguminous plant, its nitrogen-content security and reproduction capability. -- A.P. Adrianov

Card : 2/2

KHOPERSKIY, V.F.; KRASNOPOL'SKAYA, N.A.; DUROV, I.S.

Using sawed shell limestones from the Burlatskoye open-cut mine in Stavropol Territory for laying walls of wine storage tanks. Trudy NPI 147:17-26 '63. (MIRA 17:3)

KRASNOPOL'SKAYA, N.A.

Sampling macroporous loess soils with a core lifter. Trudy NPI 147:61-66 '63. (MIRA 17:3)

KRASNOPOL'SKAYA, O. S.

Afforestation - Groznyi province

Creation of shelterbelts in the Groznyi province. Reviewed by V. Mironov. Les i step' 4 no. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, May 1952 ~~XXXXX~~ 1953, Uncl.

KRASNOPOL'SKAYA, S.M.

Thermostat for checking standard grade-two alcohlometers made of metal. Izm.tekh. no.4:73-75 Jl-Ag '56. (MLRA 9:11)
(Alcoholometer) (Thermostat)

KRASNOPOL'SKAYA, S.M., red.; KUZNETSOVA, M.I., red.izd-va; MATVEYEVA, A.Ye., tekhn. red.

[Instructions 175-55 for checking PVN devices for determining the flash point of petroleum products] Instruktsiia 175-55 po poverke priborov tipa PVN dlia opredeleniia temperatury vspyshki nefteproduktov. Izd. ofitsial'noe. Moskva, 1957. 18 p. (MIRA 14:5)

1. Russia(1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov.
(Petroleum products--Testing) (Flash point)

KRASNOPOL'SKAYA, S.M., red.; KUZNETSOVA, M.I., red. izd-va; MATVEYEVA, A.Ye., tekhn. red.

[Instructions 264-54 for checking metal alcoholometers] Instruktsiia 264-54 po poverke metallicheskikh spirtomerov. Izd. ofitsial'noe. Moskva, 1958. 93 p. (MIRA 14:5)

1. Russia (1923- U.S.S.R.) Komitet standartov, mer i izmeritel'nykh priborov.
(Alcoholometer--Testing)

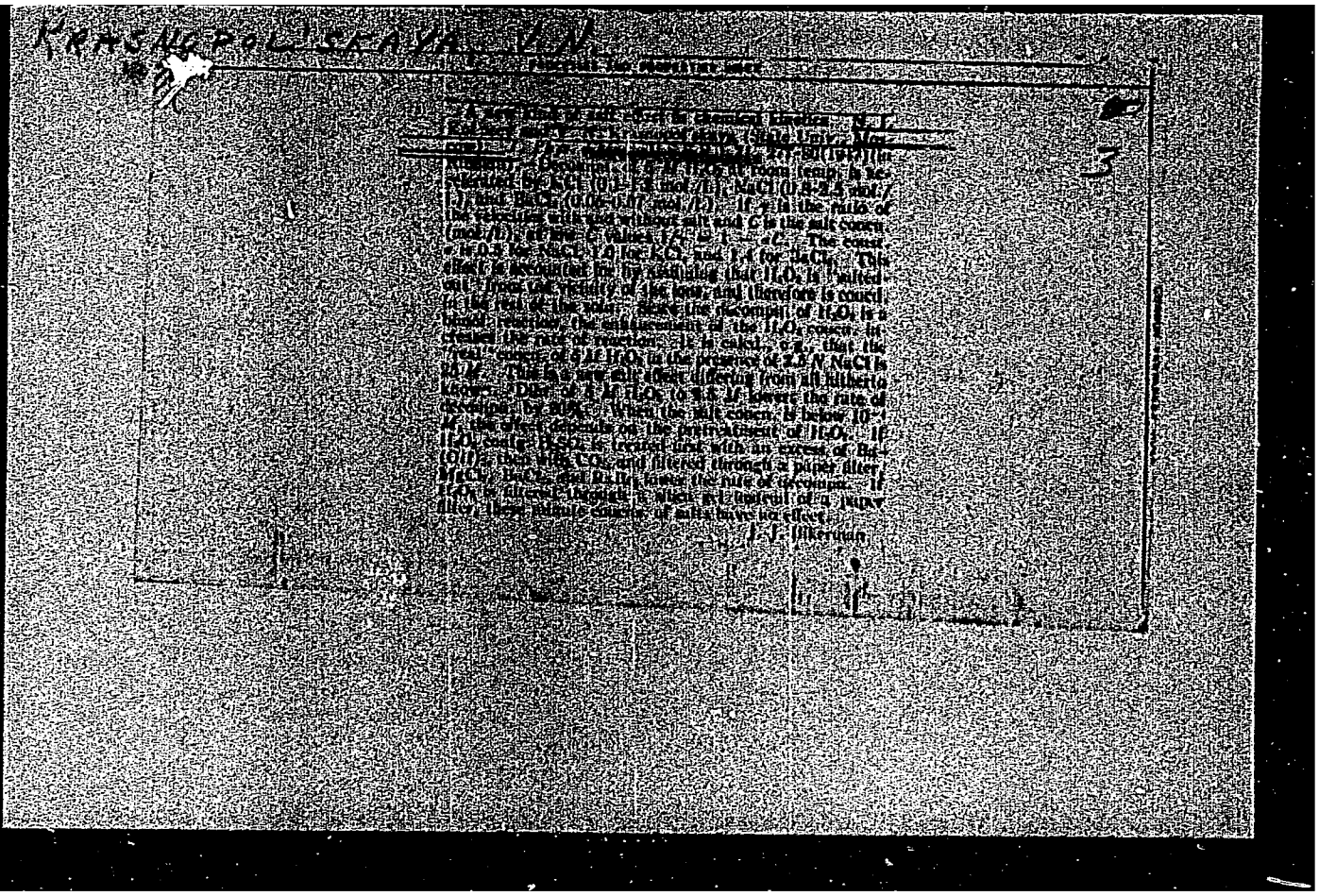
KRASNOPOL'SKAYA, V.I.

ARIYEVICH, A.M., professor; STEPANISHCHEVA, Z.G., kandidat biologicheskikh nauk; BEREZINA, G.A.; KRASNOPOL'SKAYA, V.I.

Mycotic infections caused by antibiotics. Sov.med.19 no.7:38-43 Jl '55. (MLRA 8:10)

1. Iz mikologicheskogo otdela (zav.-prof. A.M. Ariyevich) TSentral'nogo kozhno-venerologicheskogo instituta (dir.-kand. med. nauk N.M. Turanov) Ministerstva zdravookhraneniya SSSR, iz Kuntsevskoy gorodskoy bol'nitsy (glavnyy vrach [illegible].A. Stasiyuk) iz Moskovskoy oblastnoy psikhonevrologicheskoy bol'nitsy No.1 (glavnyy vrach G.M. Khanlaryan)

(FUNGUS DISEASES, etiol. and pathogen.
antibiotics)
(ANTIBIOTICS, inj. eff.
fungus dis.)



KRASNOPOL'SKAYA, V. N.

USSR/Chemistry - Catalysts Apr 52

"The Effect of Heat Treatment on the Structure and Catalytic Activity of Aluminum Oxide." G. K. Boreskov, V. A. Dzis'ko, M. S. Borisova, V. N. Krasnopol'skaya, Phys Chem Inst imeni L. Ya. Karpov, Moscow

"Zhur Fiz Khim" Vol XXVI, No 4, pp 492-499

Heating for 24 hrs at temps up to 600° does not change the surface and porosity of samples in comparison with those treated at 450°. At higher temps there are reduction of surface and changes of pore structure involving formation of larger pores. The surface reduction proceeds much more rapidly than the decrease in pore vol. Samples of different initial pore structure exhibit different resistance to high temps, those with the finest pore structure being the most strongly affected. Although the total catalytic activity is lowered as a result of heat treatment, the specific activity(activity per unit of surface) is increased to some extent if the temp of treatment is below 1,200°. The reason is the effect exerted on int diffusion. The activity of a sample heat-treatment at 1,000° is increased, because fine pores the surface of which remains unused in catalysis disappear at 1,000°. This does not happen at lower temps. The specific activity of gamma-Al_2O_3 is not affected by the temp of heat treatment and does not depend of crystal size; only transformation into alpha-Al O changes the nature of the surface. The data on catalytic activity are based on the reaction of ethyl alc dehydration. 217T23

KRASNOPOL'SKAYA, V. C. and GROZDOV, D. M.

"Preserving Medical Serum with Vitamin C", Sovremennyye Problemy Gematologii i Perelivaniya Krovi, 1953, part 28

KUZ'MINA, Ye.I.; SHMYNEVA, T.V.; KRASNOPOL'SKAYA, V.S.

Phases of spore germination of various cultures of Bacillus megaterium var. phosphaticum. Mikrobiologiia 34 no.1:65-72 Ja-F '65. (MIRA 18:7)

1. Moskovskoye otdeleniye Vsesoyuznogo nauchno-issledovatel'skogo instituta sel'skokhozyaystvennoy mikrobiologii.

KRASNOPOLSKI, B.

New cars driven by internal-combustion engines for the Polish State Railroads. p. 217

PRZEGLAD KOLEJOWY MECHANICZNY. (Wydawnictwa Komunkacyjne)
Warszawa, Poland
Vol. 11, No. 7, July 1959

Monthly List of East European Accessions Index (EEAI), LC, Vol. 8, No. 11, November 1959
Uncl.

KRASNOPOLSKI, Boguslaw, inz.

Combustion locomotives of the U.S.S.R. railroads. Przegl kolej mechan 13 no.11:326-332 N '61.

AMBARTSUMYAN, V., podpolkovnik; KRASNOPOL'SKIY, A., mayor

Competition of gun crews. Voen. vest. 42 no.8:106-108 Ag '62. (MIRA 15:7)
(Antitank guns)

BELAYENKO, F.A., prof., doktor tekhn.nauk; KRASNOPOL'SKIY, A.A., gornyy inzhener; DRUKOVANYY, M.F., gornyy inzhener; VOZNESENSKIY, V.V., gornyy inzhener; DZYABURA, G.F., gornyy inzhener; POLYAKOV, S.D., gornyy inzhener

Results of using single-row and multirow and short-delay blasting in pits of the Yelenovka Mining Administration. Vzryv. delo no.47/4:74-84 '61. (MIRA 15:2)

1. Dnepropetrovskiy gornyy institut, Yelenovskoye rudoupravleniye.
(Yelenovka region (Donetsk Province)--Blasting) (Boring)

KRASNOPOL'SKIY, A.A., inzh.; RYKOV, S.F., inzh.; KHODOS, D.Z., inzh.

Loading of basic fluxes. Met.i gornorud.prom. no.5:82-83 S-O '62. (MIRA 16:1)

1. Yelenovskoye rudoupravleniye.
(Flux (Metallurgy)) (Materials handling)

SUKHANOV, A.F., prof.; KUTUZOV, B.N., kand. tekhn. nauk; TOKAR', M.G., inzh.; KANTOVICH, L.I., inzh.; KRASNOPOL'SKIY, A.A.; KACHURA, N.I.

Study of new methods of drilling holes in open-pit mines of the Dokuchayevsk flux-dolomite combine. Gor. zhur. no.7: 24-29 Jl '63. (MIRA 16:8)

1. Moskovskiy institut radioelektroniki i gornoy elektromekhaniki (for Sukhanov, Kutuzov, Tokar', Kantovich). 2. Glavnyy inzh. Dokuchayevskogo flyuso-dolomitnogo kombinata (for Krasnopol'skiy). 3. Glavnyy mekhanik Dokuchayevskogo flyuso-dolomitnogo kombinata (for Kachura).

TURUTA, N.U., kand. tekhn. nauk; GAILIMULIN, A.T., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., kand. tekhn. nauk; ONISHCHENKO, V.Ya., inzh.; DANILOV, N.M., inzh.; KARPINSKIY, A.V., inzh.; PANCHENKO, D.F., inzh.

Effectiveness of blasting systems in flux limestone quarries. Vzryv. delo no.57/14:181-185 '65. (MIRA 18:11)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut ugol'noy, rudnoy, neftyanoy i gazovoy promyshlennosti UkrSSR i Dokuchayevskiy flyuso-dolomitnyy kombinat.

KUTUZOV, B.N., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., inzh.; KACHURA, N.I., inzh.; MIKHEYEV, I.G., inzh.

Dust trapping by compressed air removal of drilling fines from boreholes. Bezop. truda v prom. 8 no.11:46-47 N '64.
(MIRA 18:2)

NOVOZHILOV, M.G., doktor tekhn. nauk, prof.; DRUKOVANYY, M.F., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., inzh.; ONISHCHENKO, V.Ya., inzh.

Effect of rotary drilling on the quality of blasting operations. Vzryv. delo no.51/8:223-231 '63. (MIRA 16:6)

1. Otdel gornorudnykh problem AN UkrSSR (for Novozhilov, Drukovanyy). 2. Dokuchayevskiy flyuso-dolomitnyy kombinat (for Krasnopol'skiy, Onishchenko).
(Boring) (Blasting)

KACHURA, M.I.; KHERSONSKIY, N.N.; KRASNOPOL'SKIY, A.A.; ALEKSEYEV, Ye.B.; CHEBANOV, Yo.A.

Drilling rig for drilling holes with a roller bit. Gor. zhur. no.8: 75 Ag '63. (MIRA 16:9)

(Boring machinery)

DRUKOVNYY, M.F., kand. tekhn. nauk; KRASNOPOL'SKIY, A.A., gornyy inzh.; GEYMAN, L.M., gornyy inzh.

Determining the effective degree coefficient of crushing flux limestone and dolomite. Vsryv. delo no.54/11:210-215 '64. (MIRA 17:9)

1. Filial Instituta mekhaniki AN UkrSSR.

L 20113-65 EWT(m)/EPF(c)/EWP(v)/ZPW/EWP(j)/T Pc-4/Pr-4/Ps-4 RM/WW

ACCESSION NR: AR4049787 S/0282/64/000/009/0083/0083

SOURCE: Ref. zh. Khimicheskoye i kholodil'noye mashinostroyeniye. Otdel'nyy vy*pusk, Abs. 9.47.529

AUTHOR: Garkavy*y, V.V., Krasnopol'skiy, A.N. 6

TITLE: Joining of polyethylene tubes

CITED SOURCE: Sb. rabot po mekhaniz. i elektrifik. s.-kh. proiz-va. Vseros. n.-i. in-t mekhaniz. i elektrifik. s. kh. vy*p. 6, 1963, 95-96

TOPIC TAGS: polyethylene tubing, tube jig, polyethylene tube seaming, metallic polyethylene joint

TRANSLATION: A jig with collars was used for joining tubes with diameters of 75-110 cm. Tube ends were trimmed perpendicularly to the outside surface and clamped in the collars. A steel plate, 8-10 mm thick, was then placed between the tube ends and a clearance of 3-4 mm was left on each side. The plate was heated to temperatures not exceeding 480C and removed after the tube ends softened. The latter were then jolted and kept clamped until the seam cooled completely. Tubes of

Card 1/2

L 20113-65
ACCESSION NR: AR4048787

smaller diameter were joined by using sleeves made of polyethylene tubing of larger diameter. A special mold in the form of a sliding sleeve was used to heat tubes for joining. An adequately heated tube is inserted into the inside collar of the mold, while the sleeve is seated over the mold's opposite end. The mold is then withdrawn and the sleeve is quickly forced over the softened tube end. Metal parts to be joined with polyethylene tubes are threaded inside or outside; the threaded part is then heated to the polyethylene's melting point and is screwed onto the tube. Three illustrations.
N. Mirenina

SUB CODE: MT, IE ENCL: 00

Card 2/2

KRASNOPOLSKIY, A. S.

Osnovnye Printsipy Sovetskogo Gosudarstvennogo Sotsialnogo Strakhovaniia (Basic Principles of Soviet National Socialistic Insurance System), 139 p., Moscow, 1951.

APPROVED FOR RELEASE: Monday, July 31, 2000 CIA-RDP86-00513R000826120

KRASNOPOL'SKIY, A. S., SVERDLOV, G. M.

Europe, Eastern - Child Welfare

State protection of children in people's democracies. Pediatriia No. 3 1952.

Monthly List of Russian Accessions, Library of Congress, October 1952. Unclassified.

KORSHUNOVA, Ye.N.; KRASNOPOL'SKIY, A.S.; MOSKALENKO, G.K., redaktor; ACHARKAN, V.A., redaktor; SHEVCHENKO, G.N., tekhnicheskiy redaktor.

[Soviet labor law and problems of labor productivity; an outline] Sovetskoe trudovoe pravo i voprosy proizvoditel'nosti truda; ocherki. Moskva, Izd-vo Akademii nauk SSSR, 1955. 162 p.(MLRA 8:12)
(Labor laws and legislation) (Labor productivity)

L 16737-66

ACC NR: AR5018678 SOURCE CODE: UR/0196/65/000/007/A010/A010

AUTHOR: Krasnopol'skiy, A.Ye.

ORG: none

TITLE: The active nonlinear two-terminal network theorem

37
B

SOURCE: Ref. zh. Elektrotekhnika i energetika, Abs. 7A82

REF SOURCE: Tr. Mosk. energ. in-ta, vyp. 57, 1964, 5-10

TOPIC TAGS: nonlinear system, linear system, electric generator, electronic circuit, electric network, electric resistance

TRANSLATION: The active nonlinear generator theorem is substantiated. A generalized superposition principle is used. A direct connection between the internal resistance of an equivalent nonlinear generator and the characteristics of nonlinear elements in an output circuit is obtained. It is noted that the proof may be generalized for cases of nonlinear active multiterminal networks. In nonlinear electric circuits the component currents may be identified by a successive cutting in of e.m.f., however, in contradiction to the linear circuits, such a circuit is always reduced to zero currents. Figures 6, references 4. L. Yavich

SUB CODE: 09/ SUBM DATE: none

Card 1/1 vmb

UDC: 621.372.061

KRASNOPOL'SKIY, A.Ye., inzh.

Some problems concerning the operation of gas-discharge lamps with inductive ballasts. Svetotekhnika 7 no.12:12-17 D '61.
(MIRA 14:12)

1. Moskovskiy energeticheskiy institut.
(Electric lighting)

KRASNOPOL'SKIY, A.Ye., inzh.; IVANNIKOV, A.F., inzh

An inductive ballast with optimum parameters. Svetotekhnika 8 no.11:19-23 N '62. (MIRA 15:10)

1. Vsesoyuznyy svetotekhnicheskiy institut i Moskovskiy energeticheskiy institut.
(Flourescent lamps)

L 10462-66

ACC NR: AR5027552 SOURCE CODE: UR/0274/65/000/008/A009/A009

25
B

SOURCE: Ref. zh. Radiotekhnika i elektrosvyaz', Abs. 8A70

AUTHOR: Krasnopol'skiy, A. Ye.

TITLE: Theorem of active nonlinear two-terminal network

CITED SOURCE: Tr. Mosk. energ. in-ta, vyp. 57, 1964, 5-10

TOPIC TAGS: electric filter, nonlinear network

TRANSLATION: A proof of the theorem of equivalent nonlinear generator is submitted. A generalized superposition principle is used. Direct connection is established between the internal impedance of an equivalent nonlinear generator and the characteristics of nonlinear elements of the initial network. The proof can be extended over the case of nonlinear active multipole network. In nonlinear electric networks, the component currents can be determined by sequential application of emf's, however, unlike in the linear circuits, the network should be reduced to zero current each time. Numerical examples illustrate the calculation procedure. Bib 4.

SUB CODE: 09

Card 1/1 UDC: 621.372.061.3

2

KRASNOPOL'SKIY, A. Ye., inzh.

A gas-discharge lamp with nonlinear inductive ballast. Svetotekhnika 9 no.3:22-28 Mr '63. (MIRA 16:4)

1. Moskovskiy energeticheskiy institut.

(Electric lamps) (Fluorescent lamps)

ALIKHANIDI, A.G., inzh.; KRASNOPOL'SKIY, A.Ye., kand. tekhn. nauk;
LITVINOV, V.S., kand. tekhn. nauk

Choice of networks for connecting fluorescent lamps.
Svetotekhnika 9 no.9:22-24 S '63. (MIRA 16:10)

1. Moskovskiy elektrolampovyy zavod i Moskovskiy energeticheskiy institut.

KRASNOPOL'SKIY, B.M.

Necessity for revising instructions nos. 1-54. Izm.tekh. no.4: 80-81 Jl-Ag '56. (MLRA 9:11)

(Manometer)

KRASNOPOL'SKIY, David Zakharovich; KARTSEV, S.P., inzhener, retsenzent; BELOSTOTSKIY, L.Ya., kandidat tekhnicheskikh nauk, redaktor; SHEVSHURINA, Ye.A., redaktor izdatel'stva; UVAROVA, A.F., tekhnicheskiy redaktor

[KB screw-cutting machine for cutting female threads and making bores] Rez'bonareznye golovki KB dlia narezaniia vnutrennikh rez'b i rastachivaniia otverstii. Moskva, Gos.nauchno-tekhn.izd-vo mashinostroit.lit-ry, 1957. 29 p. (MLRA 10:7)
(Screw-cutting machines)

KRASNOPOL'SKIY, David Zakharovich; VERZHBINSKAYA, I.I., inzh., red.; GVIRTS, V.L., tekhn.red.

[Grinding annular screw thread on circular grinding machines] Opyt shlifovaniia kol'tsevoi rez'by na kruglosh1ifoval'nykh stankakh. Leningrad, Leningr.dom nauchno-tekhn.propagandy, 1958. 8 p. (Informatsionno-tekhnicheskii listok, no.99. Mekhanicheskaia obrabotka metallov) (MIRA 13:1)
(Grinding machines) (Screw cutting)

25(7) PHASE I BOOK EXPLOITATION SOV/2289

Krasnopol'skiy, David Zakharovich

Progressivnyy instrument dlya nakatyvaniya rez'by (Progressive Tool for Thread Rolling) Moscow, 1958. 27 p. (Series: Peredovoy opyt proizvodstva. Seriya "Tekhnologiya mashinostroyeniya," vyp. . Obrabotka metallov davleniyem) 4,000 copies printed.

Sponsoring Agencies: Obshchestvo po rasprostraneniyu politicheskikh i nauchnykh znaniy RSFSR, and RSFSR, and Moskovskiy dom nauchno-tekhnicheskoy propagandy imeni F.E. Dzerzhinskogo.

Ed.: N.I. Tyurin; Tech. Ed.: R.A. Sukhareva.

PURPOSE: The booklet is intended for engineers and workers in the field of thread rolling.

COVERAGE: The booklet describes a unit head and die for thread

Card 1/2

rolling, which can be used on various metal-cutting machine tools. With these attachments thread rolling and machining operations can be done on the same tool. The unit head and die are built in the "Frezer" plant. No personalities are mentioned. No references are given.

TABLE OF CONTENTS: None given. The book is divided as follows:

AVAILABLE: Library of Congress

Card 2/2

GO/ec
10-8-59

Krasnopol'skiy, D.Z.

AUTHOR: Krasnopol'skiy, D.Z., Engineer

117-3-8/28

TITLE: The "NG" Thread-Rolling Heads of the "Frezer" Plant (Rez'bonakatnyye golovki NG zavoda "Frezer")

PERIODICAL: Mashinostroitel', 1958, # 3, p 19-24 (USSR)

ABSTRACT: The article describes in detail the design and operation of new universal thread-rolling heads - "НГ" - produced by the plant "Frezer" which is the biggest thread-cutting equipment plant in the USSR. These heads are applicable as stationary (non-rotating) thread-rolling heads on lathes and turret lathes, as well as rotating ones on screwcutting, drilling and similar machines. Every head number (size) is designed for a definite range of thread diameters and pitches.

The article includes detailed drawings, photographs, and practical examples of application on various machine tools. The highly stable rollers of the "НГ" heads are made of steel "Х12ФН". Steel "ЭИ808" suggested by VNII appears also to be satisfactory. Since the new design has been developed from the thread-cutting heads by "ГОСТ 3307-54-standard, there will be no difficulties in practical application of the new heads.

There are 10 figures and 1 table.

AVAILABLE: Library of Congress

Card 1/1

AUTHOR: Krasnopol'skiy, D.Z., Engineer 117-58-6-25/36

TITLE: Thread-Generating Cutting Die (Rez'bonakatnaya plashka)

PERIODICAL: Mashinostroitel', 1958. Nr 6, pp 36-37 (USSR)

ABSTRACT: In the Zavod "Frezer" (Plant "Frezer") a thread-generating cutting-die type NP has been developed (Figure 1). This die is used for thread cutting on lathes and by hand. The NP-1 dies cut threads of 4-6 mm, NP-2 (Figure 2) from 8-16 mm, etc. The casing is a cylinder in which conical openings are made for fastening the dies on lathes. Two other openings are for the insertion of a handle for hand work. In the cap (Figure 3) there is a six-sided opening for a wrench and on the other side an opening with a thread. The thread-generating rollers (Figure 5) are of different breadth. Type I is used for normal cutting and type II for cutting on support. Sul'fofrezol is recommended as a cooling and lubricant liquid. The milling speed may reach 50 m/min, the optimum is 21 m. This is 7 times more than the productivity of the old device. The use of the thread-generating cutting die gives good technical and economic results. There are 5 figures and 1 Soviet reference.

1. Dies-Thread cutting

Card 1/1

KRASNOPOL'SKIY, D.Z., inzh.

Grinding circular thread on circular grinding machines. Mashinostroitel' no.1:40-42 Ja '59. (MIRA 12:2)
(Screw cutting)

KRASNOPOL'SKIY, D.Z.

Draft standard for water and gas pipes. Standartizatsiia 26 no.2:26-29 F '61. (MIRA 15:2)
(Water pipes--Standards) (Gas pipes--Standards)

KRASNOPOL'SKIY, G.G.

New design of light footwear with uppers made from artificial leather.
Kozh.-obuv.prom. 3 no.2:31-33 F '61. (MIRA 14:4)
(Shoe manufacture)

AFANAS'YEV, A.A.; SLUTSKIY, S.B.; TOLOCHKO, V.I.; Prinimali uchastiye: KRASNOPOL'SKIY, G.G., inzh.; TARATINSKIY, M.G., inzh.; TEPLITSKAYA, K.O., inzh.

Using pig insole leather for sock lining of Russian leather footwear. Kozh.-obuv.prom. 3 no.7:18-21 Jl '61. (MIRA 14:9)
(Shoe manufacture) (Leather)

KRASNOPOL'SKIY, I., inzh.

Repairing the oil pump of the dumping mechanism of the MAZ-205 dump trucks. Avt.transp. 38 no.11:30-31 N '60. (MIRA 13:11)
(Dump trucks—Maintenance and repair)

KRASNOPOL'SKIY, M.A.

Mechanization of the needle industry. Med.prom. 10 no.3:41-42 Jl-S '56. (MLRA 9:11)

1. Mediko-instrumental'nyy ordena Lenina zavod "Krasnogvardeyets."
(PINS AND NEEDLES)

KRASNOPOL'SKIY, Mayor Abramovich.

[Technical, industrial, and financial plan for flour and groats mills and feed plants] Tekhpromfinplan mukomol'nogo, krupianogo i kombikormovogo predpriiatii. Moskva, Khleboizdat, 1957. 118 p.
(Feed mills) (Flour mills) (MIRA 11:9)

KRASNOPOL'SKIY, M. A.

Technical and financial plan of an establishment. Muk.-elev. prom. 23 no.3:12-13 Mr '57. (MLRA 10:5)

1. Planovyy otdel Ministerstva khleboproduktov SSSR.
(Grain milling)

KRASNOPOL'SKIY, M., inzhener-ekonomist

Methods of planning and calculating the capacity of flour mills.
Muk.-elev.prom.26 no.5:27-29 My '60. (MIRA 14:3)
(Flour mills)

S/122/60/000/005/011/017
A161/A130

AUTHOR: Krasnopol'skiy, M. A., Engineer

TITLE: Measuring wear of shearing die edges

PERIODICAL: Vestnik mashinostroyeniya, no. 5, 1960, 48-51

TEXT: It has been stated in experimental investigations that wear of the cutting edges of shearing dies has three distinct periods - an initial with only slight blunting; a normal with low wear in relation to the number of cut parts; and a rapidly progressing (Fig. 1). In the case of Х12Ф1 (Kh12F1) steel dies with 4.5 mm regrinding allowance on the counter die, only 0.1 mm has to be removed by regrinding if work is stopped in time, for instance, after 50,000 cut parts from transformer sheet steel. From 50,000 on, wear is rapid, and after 80,000 cuts not 0.1 but 0.45 mm must be ground off to sharpen edges. The end result is only 10 possible regrindings and about three times less cuts possible before discarding the die. It is suggested to use a special optic device for determining the end of normal wear period on die edges. The burr on the edge of cut parts (Fig. 1, curve δ') may be due not only to the die edge wear and it is advised to watch carefully the magnitude and evenness of gaps between the punch and counter

Card 1/5

Measuring wear of shearing die edges

die in making, and to measure wear by the width of the bright band on the cut part edge. When the die gap is right, the bright band on the cut surface has a hight equal to the depth of impression of metal into the counter die before the shearing. The remaining portion of the cut edge is broken off with a slight taper, and the depth of this broken-off portion must not exceed the limit magnitudes of the gap between the counter die and the punch. It was stated that the burr hight is approximately twice lower than the wear of the die edge. A table composed from data of a research institute gives the relative impression depth for different metals. The impression is expressed in $\frac{h_n}{s} \cdot 100\%$ (where h_n is the punch impression depth in mm, and s - the material thickness in mm):

Material	$\frac{h_n}{s} \cdot 100\%$	
	Annealed	Not annealed
Steel with 0.1% C	50	38
" " 0.2% C	40	28
" " 0.3% C	33	22
" " 0.4% C	27	17
" " 0.6% C	20	9

Card 2/5

Measuring wear of shearing die edges

Table continued:

Material	$\frac{h_n}{s} \cdot 100\%$	
	Annealed	Not annealed
Steel with 0.8% C	15	5
" " 1.0% C	10	2
Silicon steel	30	-
Brass	50	20
Red copper	55	30
Bronze	25	17
Aluminum	50	30
Duralumin	-	45
Zincl	50	25
MA8M	10	-
Lead	50	50
Tin	40	40

The operation of the suggested optic instrument is shown in diagram (Fig. 3) -

Card 3/5

Measuring wear of shearing die edges

S/122/60/000/005/011/017
A161/A130

a parallel light beam (∂) from a light bulb is aimed on the cut part (∝) at an angle (∝), and the burr of a height (b) casts a shadow. The shadow length (δ) is measured with the optic system (2) with measuring grid (ж) that covers the shadow image (и). The system is simple and can be arranged from components available in the market. The device makes possible measurements on parts 200x200 mm size and up to 5 mm thick, with burr height up to 0.8 mm and bright band up to 4.5 mm. The accuracy is ±7.5%. The device size is 285 x 210 x 140 mm, and the weight 3.5 kg. It can be connected to 127 or 220-v network (through a transformer), requires no special skill, and can be worked by fitters and plant inspectors. There are 6 figures and 1 table.

Fig. 1

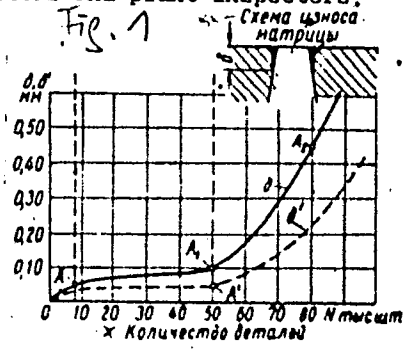
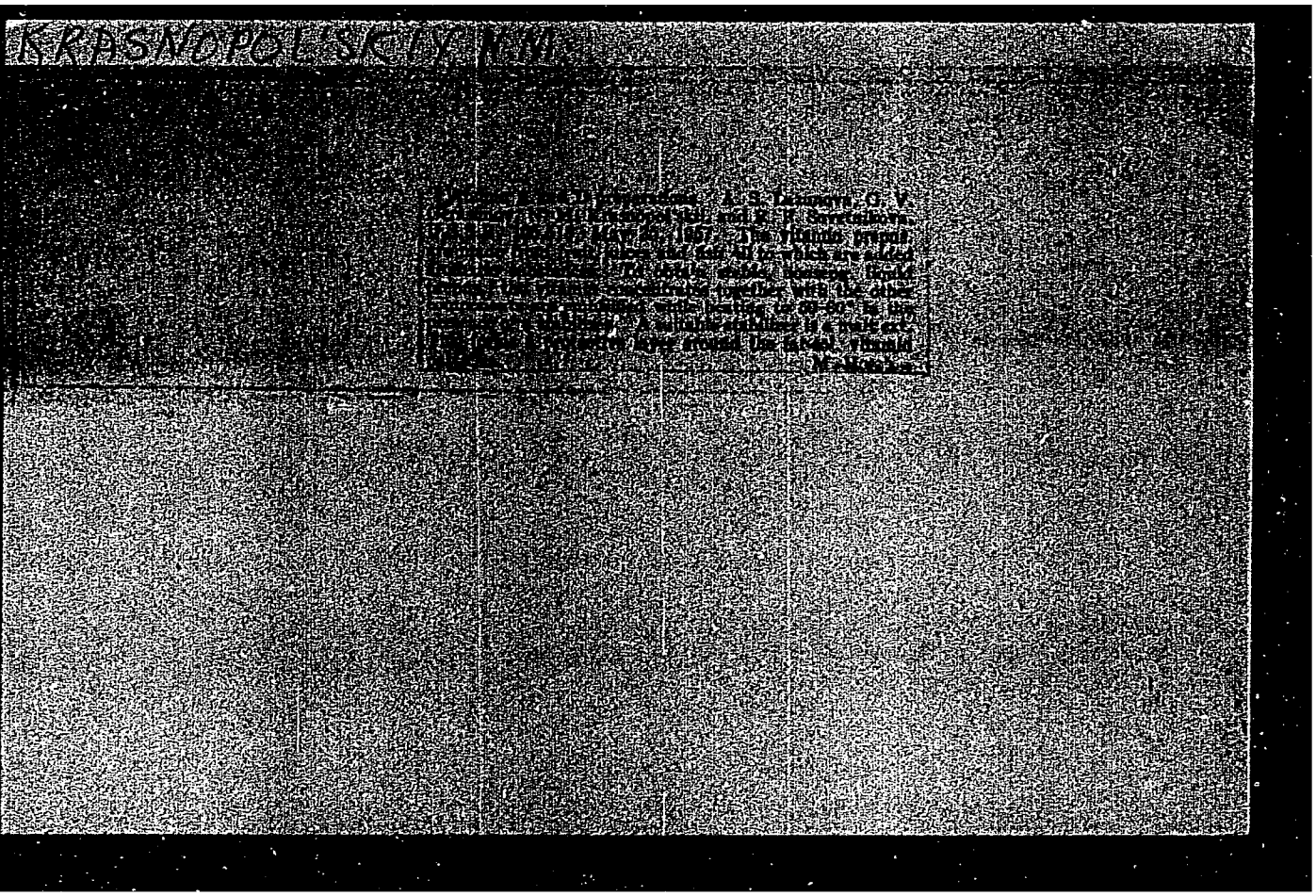


Fig. 1: Variation of the burr height with counter die edge wear.
Legend: δ - counter die edge wear; δ' - burr height. (x - cut parts number, in thousands; xx - wear of the counter die edges)

Card 4/5

KRASNOPOL'SKIY, M.A., inzh.

Lateral extrusion in manufacturing collectors for electric machines. Vest.mashinostr. 44 no. 2:43-46 F '64.
(MIRA 17:7)



KRASNOPOL'SKIY, N.N.

KHAIMOV, Ye.S., inzhener.; KRASNOPOL'SKIY, N.N., inzhener.

Automation of a mine compressor station. Gor. zhur. no.2:33-40 F '57. (MLRA 10:4)

1. Yuvmetallurgavtomatika.
(Krivoy Rog--Mining engineering) (Air compressors)
(Automatic control)

KARPEKINA, N.A.; KRASNOPOL'SKIY, S.S., red.

[Handbook; machinery and equipment of the heavy machine industry, nomenclature of the All-Union Main Administration of the Heavy Machine Industry under the State Planning Committee of the Council of Ministers of the U.S.S.R.] Spravochnik; mashiny i oborudovanie tiazhelogo mashinostroeniia, nomenklatury Soiuzglavtiazhmasha pri Gosplane SSSR. Moskva, Gosinti. Section 3. [Mining and ore-dressing equipment] Gornoshakhtnoe i obogatitel'noe oborudovanie. Pt.3.[Special (nonstandard) equipment] Individual'noe (nestandartnoe) oborudovanie. 1961. 99 p. (MIRA 14:11)
(Mining machinery)

L 23449-66 FSS-2/EWT(1) IT/GW

ACC NR: AP6011690 SOURCE CODE: UR/0203/66/006/002/0185/0189

AUTHOR: Krasnopol'skiy, V. A.; Kuznetsov, A. P.; Lebedinskiy, A. I.

ORG: Moscow State University, Institute of Nuclear Physics (Moskovskiy gosudarstvennyy universitet Institut yadernoy fiziki)

TITLE: Measurements of the ultraviolet spectrum of the earth made by the satellite "Kosmos-65"

SOURCE: Geomagnetizm i aeronomiya, v. 6, no. 2, 1966, 185-189

TOPIC TAGS: solar ultraviolet radiation, ultraviolet spectrophotometer, diffractional monochromator, ozone concentration, spectral brightness, radiation intensity

ABSTRACT: Solar ultraviolet radiation reflected from the terrestrial atmosphere was measured with an ultraviolet spectrophotometer mounted on the artificial satellite "Kosmos-65." The spectrophotometer used was a double diffractional monochromator operating in the spectral range of 2250—3070 Å. 2500 spectra were obtained during the flights. Spectra were recorded on motion-picture films. The distribution of energy in the violet spectrum changes with the zenithal distance of the sun and the geographical latitude. Local peculiarities caused by the ozone concentration appear. Longer waves in the ultraviolet range penetrate deeper into the atmosphere and increase the albedo intensity. Two kinds of spectra were obtained on cloudless days

UDC: 523.72:629.192.2

Card 1/2

L 23449-66

ACC NR: AP6011690 3

in the equatorial zone: the typical spectrum and the spectrum of maximum intensity. The first consists of the usual spectra of tropical zones and the second seldom occurs. The intensity of radiation reflected by the atmosphere depends upon the quantity of ozone in a vertical column of the atmosphere. Spectra of the terrestrial atmosphere and the sun obtained under the same solution conditions have great structural similarity. The decrease in intensity in the atmospheric spectrum occurring with decrease in wavelength is greater than in the solar spectrum. The authors thank Yu. V. Yaremenko, V. I. Malin and M. B. Glot for their great help with this experiment. Orig. art. has: 4 figures, 1 table, and 1 formula. [EG]

SUB CODE: 04/ SUBM DATE: 24Nov65/ ORIG REF: 003/ OTH REF: 009/ ATD PRESS: 4232

Card 2/2 dda

L 39893-66 EWT(1)/EWA(h)/FCC/FSS-2/EWA(d) IJP(c)/GW/JT/GD-2

ACC NR: AP6018095 SOURCE CODE: UR/0203/66/006/002/0185/0189

AUTHOR: Krasnopol'skiy, V. A.;Kuznetsov, A. P.;Lebedinskiy, A. I.

ORG: Institute of Nuclear Physics, Moscow State University(Moskovskiy gosudarstvennyy universitet, Institut yadernoy fiziki)

TITLE: Earth's ultraviolet spectrum from measurements on the satellite Kosmos-65

SOURCE: Geomagnetizm i aeronomiya, V. 6, no. 2, 1966, 185-189

TOPIC TAGS: uv spectrum, solar spectrum, scientific satellite, electromagnetic wave reflection/Kosmos-65 scientific satellite

ABSTRACT: The satellite Kosmos-65 made measurements of atmospheric reflection of radiation in the region 2250-3070 A with a resolution of 15 A. This paper describes two spectra: a typical spectrum and a spectrum with maximum readings. Both spectra were observed near the equator with a position of the sun close to the zenith. In a comparison of the observed and computed spectra it was found that the first contain a considerable number of details which are missing in the computed spectra. This occurs because the computed curves were constructed using the solar spectrum, averaged in a 100 A interval, and therefore were greatly smoothed. For the most part, however, the observed and computed spectra and their absolute intensities coincide. There is some difference at the edges of the spectra: it was not possible to detect a rise at $\lambda < 2400$ A and the drop at $\lambda \sim 2950$ A was less steep than might be expected using the computed curves. The authors give a comparison of the measured spectra and the results of photometric observations on rockets and satellites. The authors thank Yu. V. Yaremenko, V. P. Malin and M. B. Glot for their assistance in preparing this experiment. Orig. art. has: 4 figures. [JPRS]

Card 1/1 SUB CODE: 03, 04, 22/ SUBM DATE: 24Nov65/ ORIG REF: 003/ OTH REF: 009

SKATERNOY, V.A., kand.tekhn.nauk; KRASNOPOL'SKIY, V.L., inzh.

Potentialities for the increase of labor productivity. Leg.prom. 18 no.6:16-17 Je '58. (MIRA 12:10)
(Clothing industry--Labor productivity)

KRASNOPOL'SKIY, Ya. I

Krasnopol'skiy, Ya. "Economic questions in meat-packing combines of average and small size", Myas. industriya, 1949, No. 1, p. 16-19.

SO: U-3042, 11 March 53, (Letopis 'nykh Statey, No. 10, 1949).

KRASNOPOL'SKIY, Ya. I.

Useful book on the economics of the industry ("Economics of the meat industry" by S.S. Shnitser. Reviewed by IA. Krasnopol'skii). Mias. ind. SSSR 30 no.3:56 '59. (MIRA 12:9)
(Meat industry)
(Shnitser, S.S.)

KRASNOPOL'SKIY, Yakov Iosifovich; KORBUT, L.V., red.; KISINA, Ye.I., tekhn.red.

[Production costs of meat industry, and ways for lowering them] Sebestoimost' produktsii miasnoi promyshlennosti i puti ee snizheniia. Izd.2. Moskva, Pishchepromizdat, 1960. 82 p. (MIRA 14:3)

(Meat industry--Costs)

GABA, Ye.S., inzh.; KRASNOPOL'SKIY, Ye.A., inzh.

Effect of the electric power transmission line branchings on the performance of high-frequency protection systems. Elek. sta. 35 no.12:74 D '64. (MIRA 18:2)